(1924) Department.

SERIES.

G.O. No. 145,

DATED 29-1-24.

[Despatch Abstract.]

Edl. A-1—2.500—1-5-2 2

EDUCATIONAL DEPARTMENT.

In future letters, please quote No R.O.C.No. 1613-D/23 dated 14-11-23 and short title *	*Rec'd* ___ *Enclosures* copy of syllabus *Reg'd* ___ *Spare copies* ___	Telephone No. 5238 Telegraphic Address: "Instruction" Madras.

The Old College,

Dated 14th November 1923 192

From

R.Littlehailes Esq. M.A.,
Director of Public Instruction,

Madras.

L. Li 4306B
19/11/2

To

The Secretary to Government,

Law (Education) Department.

Sir,

I have the honour to submit below a scheme for the introduction of horticulture as a vocational subject in the Government secondary training school, Mangalore.

2. Instruction is proposed to be given to about 43 pupil teachers under training.

3. Mr. Forrett who examined the scheme estimates the recurring and non recurring charges at Rs 440 and Rs 60 respectively as noted in the margin.

Recurring.
1 Instructor @ Rs 20 p.m. Rs 240
fruits and flower plants. 100
scientific manure pots for pot cultivation and other contingencies. 100
440

Non recurring.
for levelling the ground removing the muds etc. 60
60

4. A copy of the syllabus showing in detail the actual course that is proposed to be undertaken is herein enclosed.

5. Should the scheme commend itself to Government, I request that the non recurring charges of Rs 60/- and the recurring charges of Rs 110/- for 3 months during the current year may be met from the lump provision of 1.15 lakhs under "31 D (b) Education Special Transferred Vocational Education in the Budget Estimate for 1923-24

6. Sanction may also be accorded to the entertainment of an Instructor on Rs 20/- per mensem in the school.

school.

I have the honour to be,

Sir,

Your most obedient Servant.

for Director of Public Instruction

G.M.15.11.23

****

SYLLABUS OF LECTURES IN HORTICULTURE.

I. Introduction. The vegetable kingdom - annuals, biennials and perennials - flower garden - kitchen garden - fruit garden and landscape garden. Horticultural operations such as edging plants, making walks and bridle-paths.

II. Soils. Origin, different kinds - sand clay, loam, calcarious soil, humus, peat, physical and chemical properties of each kind. Plants which thrive best on different soils-soil suited to gardening

III. Fencing. Objects, different kinds, live and dead, permanent, temporary, productive and protective.

IV Tillage and Horticultural operations. Objects of ploughing, digging, draining, watering, paring and burning of soils.

V. Implements of Horticulture. Crowbar, shovel, forked hoe, trowel, scythe, sickle, roller, pruning knife, pruning scissors-grafting knife.

VI. Manures. Necessity for application of different kinds of general and special Farmyard manure, stable manure, tank silt, lime, tannery refuse, ashes, leafmould preparation and conservation of manures. Best time for and method of applying different manures. Evils of soil exhaustion - elements of plant food and discrimination in their application. Benefit to cultivators by soil enrichment.

VII. Propagation of plants. Seedage or propagation by seed; propagation by buds preparation of land for the seed. Propagation by cuttings layering. Inarching and grafting.

VIII. Subsequent care of the plant. By means of tillage, by means of pruning and training and by keeping enemies in check. Root pruning and manuring.

IX Seeds. Moses by which pollination is effected and contrivances by which cross fertilization is secured. Selection, collection and preservation of seeds; preservation of fruits and root crops.

X Diseases. Root diseases, leaf diseases and fungoid diseases.

XI. Course. Ashes, lime, copper sulphate, and tobacco and soap water.

Scott. II-10 (a)—16,002—6-2-23. (6)

Law (Edn) DEPARTMENT.

	Date.	Initials.
When received for Fair-copying.		
When copied ..		
When examined ..		
When signed ..		
When despatched ..		

Vocational training

Govt Secondary training school, Mangalore - horti-culture — sanctioned

READ AGAIN G.O. No. ....., dated ..... 192 .

" " " " ..... " ..... 192 .

READ ALSO;—

C. No. 43068 From the ....., No. ....., dated 192

" " ..... " " ..... " ..... " 192

" " ..... " " ..... " ..... " 192

ORDER.

Mis

No. 145, dated 29. 1. 192

The Govt sanction the introduction of horticul as a vocational subject, the Govt Secondary training school, Mangalore, as an experimental measure for period of one year and employmen in the school for the san period of an Instructor Rs 20 p.m.

2 Sanction is also accorded to the incurrin of the undermentioned cha

in connection with the vocational class:—

Recurring charges

	Rs
Fruits and flower plants	100 per annum
Scientific manure pots for pot cultivation and other contingencies	100 "
Total	200

Non-recurring charges

	Rs
For levelling the ground, removing mud etc.	60

3 The expenditure will be met from the provision of Rs1.15 lakhs in the current year's Budget Estimate under "31 D(b) Education – Special Transferred" for Vocational Education.

2.11.23
29.11.23
30/11/23
1/12/23

To

The D.P.I (with reference to his letter R.O.C No. 16133 of 14.11.23)

A.G. (thro' the Finance Dept.)

The Finance Dept.

Statement of expenditure debitable to the loan of Rs 1.15 lakhs for Voc. Edn.

Expenditure on account of the loan in 1923-24.	1923-24 Rs	1924 Rs
Expenditure on cost of part purchase	33,000	
	~~49,956~~ 53,084	+5509 17,9

Finance No. for acceptance.

25.11.23

2. It is doubtful whether the amount

of Rs 1.15 lakhs is sufficient to cover the expenditure in connection with the above figures (by Rs 1,800) Total recurring charges amount in 1924-25 = .33 + .18 = .51 Lakhs

Rs 20 per mensem ~~may be~~ will suffice. It may be sanctioned for the present.

C

29.11.23.

3.6 11/23 1/12/23

Xamination 4306/B1 3/12/23

Finance Dept.

It is not specified what the qualifications of the Manual Training Instructor in the present case will be.

B | Presumably a Graduate will be employed for the present and if so, the pay proposed is ~~excessive~~ excessive, since under G.O. 467 Fin. dt. 28.4.21 the maximum pay of a Graduate ~~with~~ is only Rs 12 p.m.

(P)

A | If on the other hand Law proves for the higher scale now proposed fuller justification is necessary.

Govt 21/12/23. DD 21.12.23

Funds. The total expenditure to be sanctioned in 1923-24 from the (Provincial Education) lump provision of 1.15 lakhs is .86 lakh and the total recurring commitment for next year is .51 lak

AG 22.12.23 S. DD 22.12.23 Revd 24/12

Govt. Ch. No. 4779B. 26.12.23.

.33 on account of Scheme sanctioned prior to 1923-24
.1 on account of Scheme sanctioned in 1923-24
.51

Law (Edn) Dept

The presumption of the Finance Dept at 'B' and 3 ante does not appear to be correct. From the syllabus of subjects to be taught and 2 of cf. it will be observed that the Instructor should be of a better stamp than a gardener. ~~The Dept~~ is for consideration whether with reference to 'A' and 3 ante a reference should be made to the D.P.I. Dept so the draft no note below is for approval.

T B 27/12

27/12/23

27/12/23

5/

Law (Edn) Dept

No note

Letter from the D.P.I. Roc No: 1613 B/23 dt 14.11.23 intd of horticulture as a vocational subject in the Govt Secondary training school, Mangalore

The D.P.I proposes a pay of Rs 20 p.m. to the Instructor who is to teach horticulture as a vocational subject in the school. The sanctioned maximum pay of a gardener is Rs 12 p.m. The D.P.I may be requested to state whether the Instructor proposed to be employed in the school possesses better qualifications than a gardener and if so, to specify his qualifications and to justify the higher rate of Rs 20 p.m proposed for him.

27/12/23

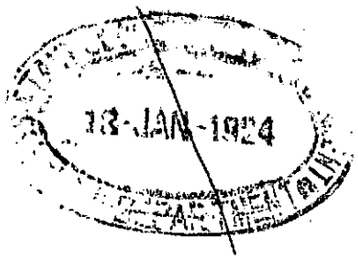
22/12/23

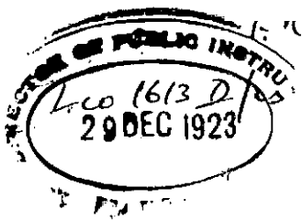
DPI/MS

-2-
23

T.S

b





U.O.Reply No. 1613D/23 dt 16.1.24

The horticulture instructor proposed for the secondary training school is reported to be a Matriculate of the University of Madras. He has undergone a course in Agriculture in the Agricultural College at Saidapet and has had practical experience of horticulture for several years. He possesses wide experience in raising food trees, flower plants, etc. The salary proposed is very moderate for a person of his qualifications.

16.1.24

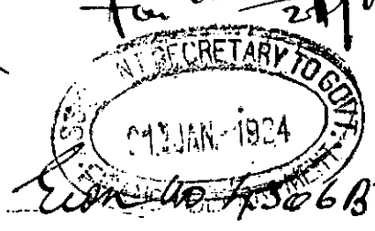
L-Sec 272 B
18/1/24

Land Revs dept

In the circumstances explained by the D.P.I, the pay of Rs 20 p.m proposed for the horticulture instructor seems to be moderate and may be allowed. The total expenditure on vocational education upto date is .94 lakh and the commitment for next year is .54 lakh.

2 The file may be sent to Finance sec.

Fin sec 102 cd
21/1/24



Lco No 1506 B

21.1.24

Finance

20-1-24

G.M. 18.1.24

18/1/24.

1

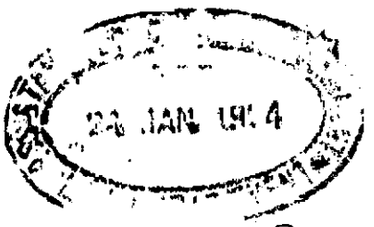
Finance Dept.

Previous finance note on p. 3 ante.
The draft order on p. 1 ante may now be accepted.

Cal
22.1.24.
DB
22.1.24

Rwt
23/1

Law.



L. Ber 4188
24/1/24

In approval
CA
24.1.24

J GMW
28/11/24

MG
DR 28/1 24